

Exercise – Decisions and Selection

Write the following programs and upload each one to this Google Classroom Assignment post with the correct name. Also, “Turn In” this Google sheet once you are done.

- 1) Write a program prompt for your age and determine if you are eligible to obtain your driver’s license. You must be at least 16 years old to drive. Call your program **YourName_Decisions01.py**
- 2) Create a constant called MASTER_PASSWORD of type string. Set the constant to the string “PASSWORD”. Prompt the user to enter a password and compare it to the constant. If the password matches, output “Password Accepted”. Call your program **YourName_Decisions02.py**
- 3) Create the variables pageCount, lineCount, and pageLength. Write a program that prompts for values for the three variables and adds one to the value of pageCount if the variable lineCount is greater than pageLength. Call your program **YourName_Decisions03.py**
- 4) Using Python, create a variable called price, totaltaxes, HST, total. Write a program that prompts the user for the price of a meal at a fast food restaurant. If the price is greater than \$4.00, tax is calculated at 13%. Output the price before tax, the total taxes, and the total final cost. Name your program: **YourName_Decisions04.py**

Sample Output
Enter the price of the meal: 5.00 Subtotal: \$5.00 Total taxes: \$.70 Total: \$5.70 Enter the price of the meal: 3.00 Subtotal: \$3.00 Total taxes: \$.00 Total: \$3.00

Upload all **.py** files as well as this Google Sheet once you are completely done.